

INTERNATIONAL SEARCH REPORT

Intern. Application No
PCT/US2004/018921

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K16/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS, PAJ, LIFESCIENCES, SCISEARCH, CHEM ABS
Data, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/66631 A (CAMBRIDGE ANTIBODY TECH ; TEMPEST PHILIP RONALD (GB); BRADDOCK PETA SA) 9 November 2000 (2000-11-09) page 1 – page 3 table 2 figures 1,4 examples 1,3,6 ----- -/-/	1-32

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

19 January 2005

Date of mailing of the International search report

07.07.2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SHAH M ET AL: "NEUTRALISATION OF TGF-BETA1 AND TGF-BETA2 OR EXOGENOUS ADDITION OF TGF-BETA3 TO CUTANEOUS RAT WOUNDS REDUCES SCARRING" JOURNAL OF CELL SCIENCE, CAMBRIDGE UNIVERSITY PRESS, LONDON, GB, vol. 108, no. PART 3, 1 March 1995 (1995-03-01), pages 985-1002, XP000609005 ISSN: 0021-9533 page 997, column 1, paragraph 2 table 1</p> <p>-----</p>	1-13,30
X	<p>Monoclonal anti-TGF-β1 antibody. R&D Systems, Ordering Information, Catalog Number: MAB2401, 29.1.2003. XP002313281 abstract</p> <p>-----</p>	1-32
X	<p>LUCAS C ET AL: "THE AUTOCRINE PRODUCTION OF TRANSFORMING GROWTH FACTOR-BETA1 DURING LYMPHOCYTE ACTIVATION A STUDY WITH A MONOCLONAL ANTIBODY-BASED ELISA" JOURNAL OF IMMUNOLOGY, THE WILLIAMS AND WILKINS CO. BALTIMORE, US, vol. 145, 1 September 1990 (1990-09-01), pages 1415-1422, XP000917385 ISSN: 0022-1767 abstract page 1419, column 2, paragraph 2 - page 1420, column 1, paragraph 1 figure 3</p> <p>-----</p>	1-14, 18-27, 30,31
X	<p>WO 97/13844 A (CAMBRIDGE ANTIBODY TECH ; TEMPEST PHILIP RONALD (GB); THOMSON JULIA EL) 17 April 1997 (1997-04-17) page 12, line 12 - line 27 figures 1bii,1ci examples 1,3,4,9 page 62, line 25 - page 63, line 14 page 67, line 12 - page 68, line 5 page 100, line 4 - page 101, line 15</p> <p>-----</p>	1-32
X	<p>FLANDERS K C ET AL: "ANTIBODIES TO PEPTIDE DETERMINANTS IN TRANSFORMING GROWTH FACTOR BETA AND THEIR APPLICATIONS" BIOCHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, PA, US, vol. 27, 1988, pages 739-746, XP002044723 ISSN: 0006-2960 page 744, column 2, paragraph 2 figure 7</p> <p>-----</p> <p style="text-align: center;">-/--</p>	1-13,30

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ELLINGSWORTH L R ET AL: "TRANSFORMING GROWTH FACTOR-BETAS ARE EQUIPOTENT GROWTH INHIBITORS OF INTERLEUKIN-1-INDUCED THYMOCYTE PROLIFERATION" CELLULAR IMMUNOLOGY, vol. 114, no. 1, 1988, pages 41-54, XP009042444 ISSN: 0008-8749 page 43, paragraph 3 figures 6,7,9 abstract -----</p>	1-13,30

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-32 partially

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-32 partially

anti TGF-b1 binding composition "1021" characterized by one or more of the following CDRs:

HC CDR1= Seq ID No: 13,

HC CDR2= Seq ID No: 14,

HC CDR3= Seq ID No: 15,

LC CDR1= Seq ID No: 22,

LC CDR2= Seq ID No: 23,

LC CDR3= Seq ID No: 24,

LC v-region (Seq ID No: 2) comprises Seq ID No: 22,23,24 and

HC v-region (Seq ID No: 4) comprises Seq ID No: 13,14,15

2. claims: 1-32 partially

anti TGF-b1 binding composition "2471" characterized by one or more of the following CDRs:

HC CDR1= Seq ID No: 16,

HC CDR2= Seq ID No: 17,

HC CDR3= Seq ID No: 18,

LC CDR1= Seq ID No: 25,

LC CDR2= Seq ID No: 26,

LC CDR3= Seq ID No: 27

3. claims: 1-32 partially

anti TGF-b1 binding composition "3821" characterized by:

HC CDR1= Seq ID No: 19,

HC CDR2= Seq ID No: 20,

HC CDR3= Seq ID No: 21,

LC CDR1= Seq ID No: 28,

LC CDR2= Seq ID No: 29,

LC CDR3= Seq ID No: 30,

LC v-region (Seq ID No: 10) comprises Seq ID No: 28,29,30

and

HC v-region (Seq ID No: 12) comprises Seq ID No: 19,20,21

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intel Int'l Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0066631	A	09-11-2000	AT AU AU BR CA DE EP EP ES WO GB JP MX NO NZ US US US	272073 T 768554 B2 4588600 A 0010162 A 2370304 A1 60012500 D1 1175445 A1 1486560 A2 2225132 T3 0066631 A1 2350612 A ,B 2003501348 T PA01010739 A 20015261 A 514759 A 2003091566 A1 2003064069 A1 6492497 B1		15-08-2004 18-12-2003 17-11-2000 05-02-2002 09-11-2000 02-09-2004 30-01-2002 15-12-2004 16-03-2005 09-11-2000 06-12-2000 14-01-2003 20-08-2003 21-12-2001 31-10-2003 15-05-2003 03-04-2003 10-12-2002
WO 9713844	A	17-04-1997	AT AT AU AU CA DE DE DE DE DK EP EP ES ES WO GB GR GR JP PT PT US	190650 T 199091 T 702049 B2 7140596 A 2233042 A1 69607191 D1 69607191 T2 69611766 D1 69611766 T2 945464 T3 0853661 A1 0945464 A1 2146020 T3 2156035 T3 9713844 A1 2305921 A ,B 3033436 T3 3035775 T3 2000500643 T 853661 T 945464 T 2005049403 A1		15-04-2000 15-02-2001 11-02-1999 30-04-1997 17-04-1997 20-04-2000 28-09-2000 15-03-2001 02-08-2001 07-05-2001 22-07-1998 29-09-1999 16-07-2000 01-06-2001 17-04-1997 23-04-1997 29-09-2000 31-07-2001 25-01-2000 31-08-2000 31-07-2001 03-03-2005